

The entire absence of dotted revolving lines and the constant orange color are characteristic features.

Dimensions : height 60, diameter 32 mm.; of others 59x32, 58x31, 56x31, 50x32, and 50x27.

The illustration in Tryon's Manual, Vol. VI, plate 15, fig. 96, is a good representation ; but the list of synonyms should probably be either placed under *C. magus* Linn. or recognized as veritable species.

A NEW SPECIES OF *BULIMULUS* FROM COSTA RICA AND A NEW
SPIRACULUM FROM ASSAM.

BY HUGH FULTON.

Bulimulus (Drymæus) inusitatus, n. sp.

Shell sinistral, elongate, narrowly perforate, thin, translucent, amber yellow throughout ; whorls $7\frac{1}{2}$, engraved with faint spiral lines ; nucleus with minute close-set crossed striæ ; aperture ovate ; peristome thin, lower portion slightly expanded ; columella reflexed at point of insertion nearly covering the umbilicus.

Alt. $29\frac{1}{2}$, diam. maj. 13, length of aperture $12\frac{1}{2}$ mill. Hab.: Costa Rica (Underwood).

Compared with *tropicalis* Morelet, the only other known reversed *Drymæus*. The present species is thinner, has half a whorl more and is easily separated by its different ground color and the absence of bands.

Spiraculum assamense n. sp.

Shell discoidal, flat above, very broadly umbilicated, dark brown with a few oblique stripes of a lighter color, encircled by four rows of hairs arranged in tufts, one being at the periphery, one above, and two below, the latter two are often worn off in older specimens ; whorls $4\frac{1}{2}$, slightly convex above, last rounded ; tube erect, short, inclined towards the apex, situated 2 mm. from the margin of the aperture ; peristome white, somewhat thickened, bordered by a narrow flange ; aperture oblique, circular ; operculum shelly, whorls 5.

Diam. maj. 14 mm., min. 12 mm., alt. 5 mm.

Hab.: Khasi Hills, Assam.

In most respects this species is very like *nagaensis* Aust. & Bedd., but can be easily separated by the position of the breathing tube,

which in *assamense* is much nearer the aperture. The operculum of *nagaense* does not appear to have so many whorls as our species, a large part of the central portion being quite flat and smooth. These characters appear to be constant in the numerous specimens I have examined of both forms.

DESCRIPTIONS OF NEW JAPANESE LAND SNAILS.

BY HENRY A. PILSBRY AND ADDISON GULICK.

Diplommatina uzenensis Pilsbry, n. sp.

Shell dextral, cylindric-oblong, pale brown or nearly white, finely, delicately and evenly costulate. Whorls 6, very convex, the upper 3 forming a short cone, the last whorl contracted, a little distorted, ascending in front. Aperture subcircular, nearly vertical, the peristome continuous, flatly reflexed, duplicate, having a thin lamina or second peristome close behind the lip in quite mature specimens. Columella concave, ending in a tooth, as usual. Palatal fold less deeply immersed than usual, lying to the left of rather than above the aperture.

Alt. 2.6, diam. 1.4, alt. and diam. of aperture 1 mm.

Nishigo, Uzen (Mr. Y. Hirase). Types no. coll. A. N. S., from no. 510 of Mr. Hirase's collection.

This species is the most northern yet known, I believe. It is decidedly larger than *D. pusilla* Martens, somewhat smaller than *D. nipponensis* Möllddf., which is its nearest ally. The sculpture is about the same as in *nipponensis*, but the cone of the spire is not nearly so long, the later three whorls being large, while in *nipponensis* the last two are wide, the four or five earlier strongly tapering. The palatal fold is further to the left in *D. uzenensis* than in *D. nipponensis*, and the aperture is comparatively larger.

Eulota callizona var. *maritima* Gulick and Pilsbry, n. var.

This name is proposed for the race inhabiting Awaji Island and other districts mentioned below, specimens from Fukura, Awaji, being the types. These differ from *E. peliomphala* and its varieties *brandtii*, *herklotsi* and *nimbosa* in the more conoidal form of the spire; from *E. callizona* and its varieties chiefly in pattern of coloration. These are as follows:

(a) Purple-brown, with light buff streaks.